SONY
make.believe

VPCSB31FX/B

Step up to the power and portability of the VAIO® S Series laptop plus a host of energy-saving features deliver up to 7 hours 15 minutes of standard battery life, and up to 14 hours 30 minutes of total combined battery life with the large capacity sheet battery (sold separately) – helping to keep you unplugged longer.[9]

A revolution in Sony® VAIO® design

With uncompromising attention to detail and a passion for design, Sony introduces the next generation in VAIO® laptop design. Simple yet bold, the S Series features a fully flat design concept that abandons traditional bulky batteries, unnecessary seams and protruding ports.

A seamless piece of brushed aluminum milled to precise specifications creates the core of the S Series chassis offering firm structural integrity while creating bold clean contours.

Power and Portability

As our most popular family member, the 2nd generation Intel® Core™ i5 processor features Intel® Turbo Boost Technology 2.0 that increases your PC's speed automatically.[2] See and feel performance with a visible difference. Get the visibly smart processor with a boost.

The VAIO® S Series puts you in control by offering a Hybrid Graphics system that allows you to easily set your graphics performance to deliver power when you need it and energy savings when you don't. You can even set your performance level on the fly without needing to reboot.

Take it to the big screen – wirelessly

Now it's easy to wirelessly stream content to your HDTV with the Intel® Wireless Display enabled S Series laptop. Sit back and experience your favorite online TV shows and movies from the comfort of your couch. Access personal video, music and photos from your hard drive or home network and immediately send it wirelessly to the biggest display in up to full 1080p HD and 5.1 surround sound.

With integrated Intel® Wireless Display technology, searching for cables and stringing them across your living room or office is a thing of the past.[8]

At just 3.8 lbs. the VAIO® S Series laptop offers a step up to the performance and portability you demand. From its seamless contours to advanced technology that offers up to 14 hours 30 minutes of combined battery life (with optional extended battery)[9] the S combines bold design and mobile performance in a way only Sony can.

intel inside CORE i5 Visibly Smart

Windows 7

RADEON GRAPHICS

epeat GOLD

RoHS COMPLIANT

SONY
make.believe

Specifications

Processor	
Processor Type	Intel® Core™ i5-2430M
Processor Technology	Dual Core
Processor Speed	2.40GHz[1] with Intel® Turbo Boost Technology up to 3.00GHz[2]
Processor Cache	3MB
Display	
Screen Size	13.3"
Resolution	1366 x 768
Backlight Technology	LED
Memory	
Installed Memory	4GB (onboard)
Memory Type/ Speed	DDR3/1333MHz
Max. Memory	8GB
Graphics	
Graphics Processor	AMD Radeon™ HD 6470M
Graphics Video RAM	512MB dedicated[5]
Graphics Technology	Hybrid Graphics
Storage	
Storage Type	Serial ATA
Storage Capacity	500GB[4]
Storage Technology	5400rpm
Optical Drive	
Optical Drive Type	CD/DVD Player / Burner
Optical Drive Support - CD/DVD	Read / Write
Hardware	
Camera	Built-in web camera and microphone
Keyboard	QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch
Backlit Keyboard	Yes
Audio	
Sound System	Intel® High Definition Audio with Dolby® Home Theater® Technology v3
Inputs and Outputs	
DC-In	1
USB 3.0	1
USB 2.0	2
VGA Output(s)	1
Headphone Output	1
Secure Digital (SD) Slot	1
Port Replicator Connector(s)	1
HDMI® Output(s)	1
Memory Stick Duo™	1
Wireless/Networking	
Bluetooth® Technology	Bluetooth Integrated Stereo A2DP (2.1 + EDR)
Ethernet Protocol	1000BASE-T/100BASE-TX/10BASE-T
WiFi Adapter	Intel® Centrino® Advanced-N 6230
WiDi Ready	Yes - Intel® Wireless Display Technology[8]
Software	
Operating System	Genuine Windows® 7 Home Premium with Service Pack 1 64-bit
Supplied Software	Microsoft® Office Starter with reduced-functionality versions of Word and Excel®[6], VAIO Care™, Media Gallery™, PMB - VAIO Edition
Anti-Virus Software	Norton Internet Security™ 2012 30-Day Trial Offer[11]
Service and Warranty Information	
Toll-Free Phone Support	888-476-6972[7]
Onsite/In-Home Service	Yes[12]
International Service	Yes[26]
Limited Warranty Term	1 Year
Priority Phone Support	239-768-7605[7]
Environmental Information	
ENERGY STAR®	5.0[16]
EPEAT™	Gold
ROHS®	Compliant
Dimensions (Approx.)	
Dimensions (Approx.)	13.04" (W) x 0.95" (H) x 8.84" (D)
Weights and Measurements	
Weight (Approx.)	3.80 lbs. (with Standard Battery)
Power	
Battery Type	Internal Lithium Polymer Battery (4400mAh)
DVD Playback	Up to 4 hours 40 minutes[9]
Default Brightness	Up to 7 hours 15 minutes[9]
Maximum Brightness	Up to 6 hours 30 minutes[9]
General	
Action Buttons	VAIO, ASSIST, WEB, Eject, Speed/Stamina, Wireless On/Off
Pointing Device	Touchpad (Gesture supported)
Accessories	
Supplied Accessories	Internal Lithium Polymer Battery (4400mAh), AC Adapter, Power Cord
Colors	
Color	Black

1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.
2. Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is available only on 2nd generation Intel® Core™ i5 and Core™ i7 processors. Performance varies depending on hardware, software and system configuration.
4. 1 GB = one billion bytes. Actual formatted capacity will be less.
5. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.
6. Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®.
7. For some third party software, Sony provides initial support. Additional support may be available from the applicable vendor. Availability may vary by vendor.
8. Requires TV Adapter and compatible television.
9. Estimates based on Sony engineering. Actual performance may vary considerably based on hardware configuration, software, power management settings, environmental conditions, wireless connectivity and other factors. Maximum battery capacity will normally decrease with time and use.
11. Norton™ Internet Security 2012 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identity theft.
12. Availability may be limited. See limited warranty for details.
26. Not all models applicable. Registration required. See www.sony.com/IRSP for details. Specifications subject to change. Non-metric weights and measures are approximate. Certain Microsoft products included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer and may be completed by Internet or telephone (toll charges may apply).
This product meets the standards of the International Energy Star Program for energy efficiency.

©2011 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, VAIO, Memory Stick Duo, Exmor, S-Force, Vegas, ACID, Sound Forge, VAIO Care Media Gallery and the Sony make.believe logo are trademarks of Sony in the U.S. and in other countries. Intel and Core are trademarks of the Intel Corporation in the U.S. and in other countries. Microsoft, Windows and Excel are registered trademarks of the Microsoft Corporation in the U.S. and in other countries. Blu-ray Disc and its logo is a trademark. Bluetooth and the Bluetooth logo are registered trademarks of Bluetooth SIG, Inc. Dolby and Dolby Home Theater are registered trademarks of Dolby Laboratories. Norton Internet Security is a trademark of Symantec Corporation or its affiliates in the U.S. and other countries. All other trademarks are trademarks of their respective owners.
Certain restrictions apply. See www.sonystyle.com/pcwarranty for more information.
UPC: 027242835788 / Updated: October 11, 2011